

# ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

**Date/Time:** December 2, 2002 /3:00

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**Agency:** CDPHE

**Purpose of Contact:** Use of PSZ fill material for Solar Ponds regrading

## Discussion

As discussed with Scott Surovchak, backfill must be removed from a previously backfilled area of the PSZ fence to re-establish a pre-existing drainage. This material can be used immediately as fill material for regrading the Solar Ponds area. The backfill material contains low levels of some organic compounds including tetrachloroethene and trichloroethene, but all concentrations are below the Tier 2 action levels. However, arsenic was found at one location at a concentration of 39 mg/kg, above the Tier 2 concentration of 2.99 mg/kg, above the background concentration of 13.14 mg/kg but well below the Tier 1 action level of 299 mg/kg.

Relocation of similarly contaminated soil above Tier 2 but below Tier 1 action levels is allowed within the same OU by the Asphalt and Soil Management RSOP. Using soil from the PSZ fence area as backfill at the Solar Ponds area follows this protocol since both areas have levels of metals between Tier 1 and Tier 2 action levels and both areas are within the Industrial Area OU.

Therefore, reuse of the material from the previously backfilled area of the PSZ fence for regrading the Solar Ponds area is appropriate.

**Contact Record Prepared By:** Annette Primrose

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